XL General Meeting

of the

American Electrochemical Society

LAKE PLACID CLUB, N. Y.

September 29, 30, and October 1, 1921

COMMITTEE ON ARRANGEMENTS

W. M. Corse, General Chairman

GOLF COMMITTEE

J. V. N. Dorr, Chairman

COMMITTEE ON OTHER OUTDOOR SPORTS

A. T. Hinkley, Chairman

INDOOR SPORTS COMMITTEE

E. L. Crosby, Chairman

GENERAL INFORMATION

HEADQUARTERS.

Headquarters will be at the Lake Placid Club, situated on Mirror Lake. During the time of the meeting, members and guests may enjoy the conveniences and privileges which have been courteously extended by this Club. Members are advised to make reservations as early as possible.

Registration begins at 6 p.m., Wednesday, September 28, on the first floor of the Lakeside Clubhouse. The registrar will distribute papers, programs and badges and give other information pertaining to the meeting.

Guests, after being introduced by members of the Society, may attend the sessions and enjoy the privileges of the Club. They will be welcomed by the various Committees and Officers of the Society. Applicants for membership in the Society who have paid the entrance fee may register as members and receive the member's badge at the meeting.

PLACES OF MEETING.

The Technical sessions will be held in the music room on the first floor of the Lakeside Clubhouse. Evening sessions will take place in the music room of the Forest Clubhouse, which is located but a short distance from the former.

SPORTS AND RECREATIONS.

Members may take part in golf, tennis, boating, bathing, mountain climbing, and other sports. Special prizes will be awarded to the winners in competitive sports. The three afternoons of the meeting will be given over to those events. The names of the Chairmen in charge are given on the front inside cover of this booklet. Details pertaining to the entertainment program will be posted at the registrar's desk.

ENTERTAINMENT FOR LADIES.

Ladies are cordially invited to attend the technical sessions during the mornings of September 29, 30 and October 1. They will be particularly interested in the illustrated lecture by Prof. Harlow Shapley, of Harvard, on Thursday evening, and the lecture by Col. T. S. Woolsey, on Friday evening.

Ladies are also invited to participate in the golf match, boat ride, tennis tournament and other sporting events.

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PROGRAM

WEDNESDAY, SEPTEMBER 28, 1921.

6:00 P.M. Registration commences at Registrar's Desk, first floor of Lakeside Clubhouse.

THURSDAY, SEPTEMBER 29, 1921.

9:00 A.M. Session for Reading and Discussion of Papers.

(14) Charles Vickers: Experiences with Alkaline and Alkaline Earth Metals in Connection with Non-Ferrous Alloys.

(17) W. A. Cowan, L. D. Simpkins and G. O. Hiers: The Electrolytically Produced Calcium-Barium-Lead Alloys Comprising Frary Metal.

(26) Colin G. Fink and Chas. H. Eldridge: The Electrolytic Corrosion of Lead-Thallium Alloys.

(1) J. Newton Friend: A New Theory of the Corrosion of Iron.

(8) Haakon Styri: Rust Prevention by Slushing.

(7) C. J. Rodman: Transformer Oil Sludge.

(5) Raymond Freas: The Electrolysis of Organic Compounds.

(6) Alex. Lowy and E. H. Haux: Electrolytic Oxidation of the Leuco Base of Malachite Green.

(25) N. Kameyama: The Electrolytic Dissociation of Cyanamide and Some of Its Salts in Aqueous Solutions.

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(Numbers prefixed to papers on program indicate papers printed in advance, numbered correspondingly.)

(13) P. C. Alsgaard: Electrolytic Production of Sodium Perborate.

(30) H. M. Goodwin and E. C. Walker: The Electrolytic Oxidation of Hydrochloric Acid to Perchloric Acid.

(21) B. G. Worth: Graphic Control of Electrolytic Processes.

2:00 P.M. Sports and Recreations. Golf match under the direction of Mr. Dorr, Chairman of Golf Committee.

A boat ride has been planned for this afternoon for the benefit of those not participating in golf. There will also be other entertainment under the direction of Mr. Corse, Chairman of Committee on Arrangements. Additional information available at the registrar's desk.

6:30 P.M. Board of Directors' Meeting, at dinner, for the transaction of usual business.

8:00 P.M. Meeting in the Music Room of the Forest Clubhouse.

Illustrated Lecture by Prof. Harlow Shapley, of the Harvard University Observatory, on **"Chemistry and the Stars."**

FRIDAY, SEPTEMBER 29, 1921.

9:00 A.M. Reading and Discussion of Papers:

SYMPOSIUM ON NON-FERROUS METALLURGY.

(3) H. M. St. John: The Influence of the Electric Furnace on the Metallurgy of Non-Ferrous Metals.

(24) E. A. Smith: Modern Developments in the British Brass Industry.

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(20) T. F. Baily: Resistance Type of Electric Furnace in the Melting of Brass and Other Non-Ferrous Metals.

(22) N. K. B. Patch: Comparison of Electric Furnace Practice with that of Fuel Fired Furnace Practice.

(15) H. A. DeFries: Electric Silver Melting.

(18) F. C. Thompson: Electric Furnace Melting of Nickel-Silver.

(16) R. J. Anderson: Aluminum-Copper Alloys.

(19) H. A. Winne: Recent Developments in Electrical Furnaces of the Muffled Arc Type.

(23) J. G. Thompson: Electric Furnace Purification of Zirkite.

(9) M. L. Hartman and W. A. Koehler: Physical Characteristics of Specialized Refractories. Part IV. Cross Breaking Strength at 20° and 1350° C.

2:00 P.M. Sports and Recreations. Continuation of golf match of previous afternoon.

Mountain hiking and other sports, under direction of Mr. Hinckley, Chairman of Other Outdoor Sports Committee.

Indoor Sports will be taken care of by Mr. Crosby, Chairman of that Committee.

8:00 P.M. Illustrated Lecture by Col. T. S. Woolsey, Jr., on "Practice of Forestry on National Forests"; to be held in the Music Room of the Forest Clubhouse.

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SATURDAY, OCTOBER 1, 1921.

9:00 A.M. Reading and Discussion of Papers:

SYMPOSIUM ON ELECTRODEPOSITION.

(4) F. A. Lidbury and F. A. Stamps: An Electric Steam-Generator for Low Voltage.

(28) H. M. Goodwin and L. A. Wilson: The Effect of Pressure on Overvoltage.

(2) W. E. Hughes: Researches on the Electrodeposition of Iron.

(29) T. R. Briggs: Electrolytic Solution and Deposition of Copper.

(12) W. R. Ingalls: Electrometallurgy of Zinc.

(27) C. J. Wernlund: Deposition of Zinc from the Zinc Cyanide Solution.

(11) Wm. Blum and H. E. Haring: The Electrodeposition of Lead-Tin Alloys.

(10) Wm. Blum: The Structure and Properties of Alternately Electrodeposited Metals.

2:00 P.M. Golf Finals for the Society Championship, those having qualified in the matches of the two previous days will participate.

Motor bus ride to the Club Farms.

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OFFICERS OF THE SOCIETY.

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Jos. W. Richards, Lehigh University
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LOCAL SECTIONS OF THE SOCIETY.

Wisconsin Section (Madison, Wis.)

C. F. Burgess, Chairman, Madison, Wis.
O. P. Watts, Secretary, University of Wisconsin.

Philadelphia Section

Carl Hering, Chairman, Philadelphia, Pa.
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A. H. Hooker, Chairman, Niagara Falls, N. Y.
W. A. McKnight, Secy-Treas., Niagara Falls, N. Y.

Entrance Fee, $5.00. (Students are exempt from paying entrance fee.) Yearly Dues, $5.00. Application blanks and any other information may be obtained from the Secretary. Each member receives the Publications of the Society, in pamphlet form, containing the papers and discussions of the General Meetings of the Society. Members can obtain the bound volumes of Transactions for an extra payment of $5.00 per year.